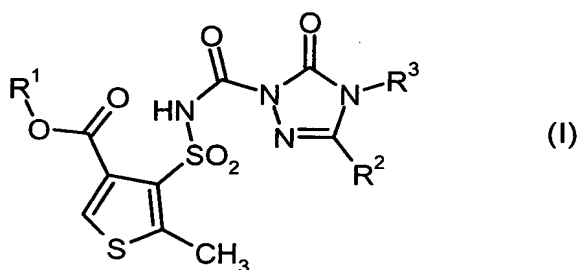


Claims

1. A composition comprising an effective amount of an active
5 ingredient combination composed of

(a) at least one substituted thien-3-ylsulfonylamino(thio)carbonyl-
triazolin(thi)one of the formula (I)



in which

- 15 R^1 is optionally cyano-, halogen- or C_1 - C_4 -alkoxy-substituted
alkyl having 1 to 6 carbon atoms,
- 20 R^2 is hydrogen, hydroxyl, mercapto, amino, cyano, fluorine,
chlorine, bromine or iodine, is optionally fluorine-, chlorine-,
bromine-, cyano-, C_1 - C_4 -alkoxy-, C_1 - C_4 -alkyl-carbonyl- or C_1 -
25 C_4 -alkoxy-carbonyl-substituted alkyl having 1 to 6 carbon
atoms, is in each case optionally fluorine-, chlorine- and/or
bromine-substituted alkenyl or alkynyl having in each case 2
to 6 carbon atoms, is in each case optionally fluorine-,
chlorine-, cyano-, C_1 - C_4 -alkoxy- or C_1 - C_4 -alkoxy-carbonyl-
30 substituted alkoxy, alkylthio, alkylamino or alkylcarbonylamino
having in each case 1 to 6 carbon atoms in the alkyl group, is
alkenyloxy, alkynyloxy, alkenylthio, alkynylthio, alkenylamino
or alkynylamino having in each case 3 to 6 carbon atoms in
the alkenyl or alkynyl group, is dialkylamino having in each
case 1 to 4 carbon atoms in the alkyl groups, is in each case
optionally methyl- and/or ethyl-substituted aziridino,
pyrrolidino, piperidino or morpholino, is in each case
optionally fluorine-, chlorine-, bromine-, cyano- and/or C_1 - C_4 -

5 alkyl-substituted cycloalkyl, cycloalkenyl, cycloalkyloxy, cycloalkylthio, cycloalkylamino, cycloalkylalkyl, cycloalkyl-alkoxy, cycloalkylalkylthio or cycloalkylalkylamino having in each case 3 to 6 carbon atoms in the cycloalkyl or cycloalkenyl group and optionally 1 to 4 carbon atoms in the alkyl moiety, or is in each case optionally fluorine-, chlorine-, bromine-, cyano-, nitro-, C₁-C₄-alkyl-, trifluoromethyl-, C₁-C₄-alkoxy- and/or C₁-C₄-alkoxy-carbonyl-substituted aryl, arylalkyl, aryloxy, arylalkoxy, arylthio, arylalkylthio, arylamino or arylalkylamino having in each case 6 or 10 carbon atoms in the aryl group and optionally 1 to 4 carbon atoms in the alkyl moiety,

15 R³ is hydrogen, hydroxyl, amino, cyano, is C₂-C₁₀-alkylideneamino, is optionally fluorine-, chlorine-, bromine-, cyano-, C₁-C₄-alkoxy-, C₁-C₄-alkyl-carbonyl- or C₁-C₄-alkoxy-carbonyl-substituted alkyl having 1 to 6 carbon atoms, is in each case optionally fluorine-, chlorine- and/or bromine-substituted alkenyl or alkynyl having in each case 2 to 6 carbon atoms, is in each case optionally fluorine-, chlorine-, bromine-, cyano-, C₁-C₄-alkoxy- or C₁-C₄-alkoxy-carbonyl-substituted alkoxy, alkylamino or alkyl-carbonylamino having in each case 1 to 6 carbon atoms in the alkyl group, is alkenyloxy having 3 to 6 carbon atoms, is dialkylamino having in each case 1 to 4 carbon atoms in the alkyl groups, is in each case optionally fluorine-, chlorine-, bromine-, cyano- and/or C₁-C₄-alkyl-substituted cycloalkyl, cycloalkylamino or cycloalkylalkyl having in each case 3 to 6 carbon atoms in the alkyl group and optionally 1 to 4 carbon atoms in the alkyl moiety, or is in each case optionally fluorine-, chlorine-, bromine-, cyano-, nitro-, C₁-C₄-alkyl-, trifluoromethyl- and/or C₁-C₄-alkoxy-substituted aryl or arylalkyl having in each case 6 or 10 carbon atoms in the aryl group and optionally 1 to 4 carbon atoms in the alkyl moiety

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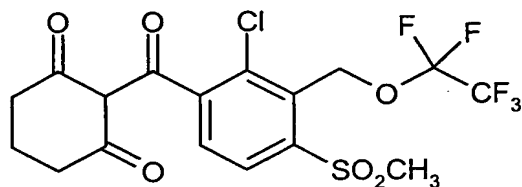
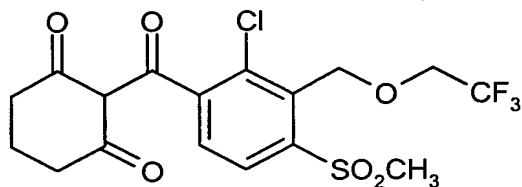
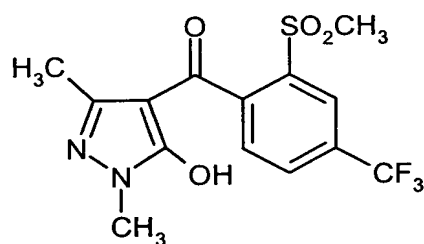
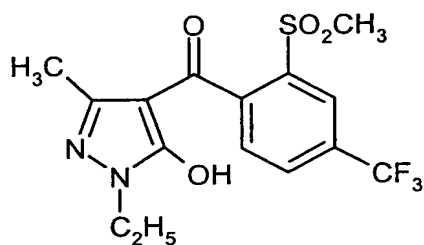
- or salts of the compounds of the formula (I) -

("active ingredients of group 1")

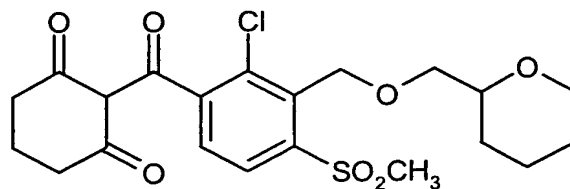
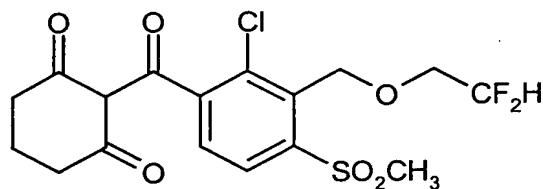
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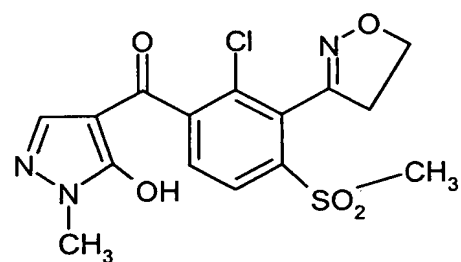
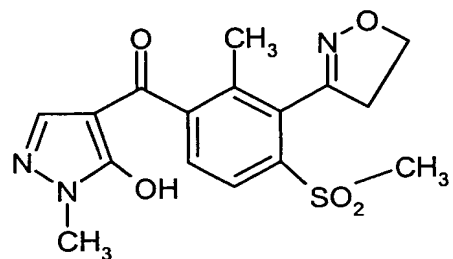
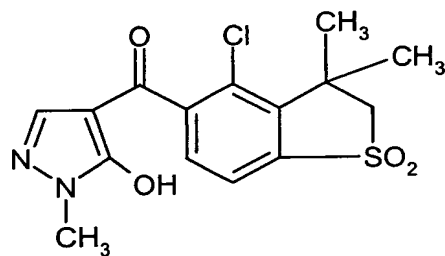
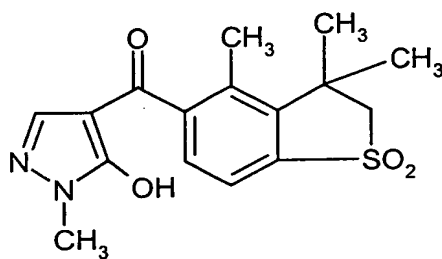
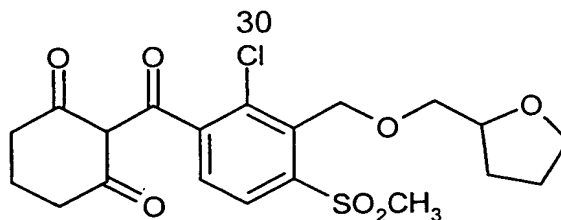
- (b) one or more compounds from a second group of herbicides which includes the following active ingredients:

5



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5

, and

("active ingredients of group 2"),

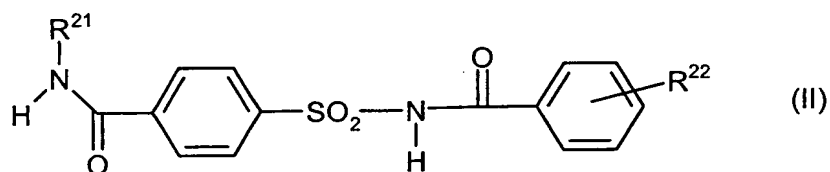
10

and, if desired, additionally

- (c) a crop plant tolerance promoter compound from the following group of compounds:

15

4-dichloroacetyl-1-oxa-4-azaspiro[4.5]decane (AD-67), 4-dichloroacetyl-3,4-dihydro-3-methyl-2H-1,4-benzoxazine (benoxacor), 5-chloroquinoxalin-8-oxyacetic acid 1-methylhexyl ester (cloquintocet-mexyl), 2,4-dichlorophenoxyacetic acid (2,4-D), 2,2-dichloro-N,N-di-2-propenylacetamide (dichlormid), N-(4-methylphenyl)-N'-(1-methyl-1-phenylethyl)urea (daimuron), 4,6-dichloro-2-phenylpyrimidine (fencloirim), 1-(2,4-dichlorophenyl)-5-trichloromethyl-1H-1,2,4-triazole-3-carboxylic acid ethyl ester (fenchlorazole-ethyl), 2-chloro-4-trifluoromethylthiazole-5-carboxylic acid phenylmethyl ester (flurazole), 4-chloro-N-(1,3-dioxolan-2-ylmethoxy)- α -trifluoroacetophenone oxime (fluxofenim), 3-dichloroacetyl-5-(2-furanyl)-2,2-dimethyloxazolidine (furilazole), ethyl 4,5-dihydro-5,5-diphenyl-3-isoxazolecarboxylate (isoxadifen-ethyl), (4-chloro-2-methylphenoxy)acetic acid (MCPA), (+)-2-(4-chloro-2-methylphenoxy)propanoic acid (mecoprop), diethyl 1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-1H-pyrazole-3,5-dicarboxylate (mefenpyr-diethyl), 2-dichloromethyl-2-methyl-1,3-dioxolane (MG-191, CAS Reg. No. 96420-72-3), 1,8-naphthalic anhydride, α -(1,3-dioxolan-2-ylmethoximino)-phenylacetoneitrile (oxabetrinil), 2,2-dichloro-N-(1,3-dioxolan-2-ylmethyl)-N-(2-propenyl)acetamide (PPG-1292), 3-dichloroacetyl-2,2,5-trimethyloxazolidine (R-29148), N-cyclopropyl-4-[(2-methoxy-5-methylbenzoyl)amino]sulfonylbenzamide, N-[(4-methylaminocarbonylamino)phenyl]sulfonyl-2-methoxybenzamide, and compounds of the formula (II) below,



in which

R^{21} and R^{22} are as defined in the following table:

32

R ²¹	R ²²
cyclopropyl	2-OCH ₃
cyclopropyl	2-OCH ₃ , 5-Cl
ethyl	2-OCH ₃
isopropyl	2-OCH ₃ , 5-Cl
isopropyl	2-OCH ₃

("active ingredients of group 3").

- 5
2. The composition as claimed in claim 1, wherein the crop plant tolerance promoter compound (active ingredient of group 3) is selected from the active ingredients benoxacor, mefenpyr-diethyl, fenchlorazole-ethyl, isoxadifen-ethyl, cloquintocet-mexyl, and the compound N-cyclopropyl-4-[[[(2-methoxybenzoyl)amino]sulfonyl]-benzamide.
- 10
3. The use of a composition as claimed in claim 1 for controlling unwanted plants.
- 15
4. A method of controlling unwanted plants which comprises causing a composition as claimed in claim 1 to act on the weeds and/or their habitat.
- 20
5. A process for producing a herbicidal composition, which comprises mixing a composition as claimed in claim 1 with surface-active agents and/or extenders.